Executive Officers Report For April 2004

UNDERGROUND STORAGE TANK PROGRAM

Charnock Sub-basin MTBE Cleanup

Weixing Tong/Jay Huang

On November 21, 2003, the City of Santa Monica and three oil companies (Shell Oil, ChevronTexaco, and ExxonMobil) reached a settlement that promises the construction of a treatment plant to restore the drinking water supply to the residents of Santa Monica from the Charnock Sub-Basin within five years from now. In 1996, the discovery of MTBE contamination of the City of Santa Monica's Charnock wellfield resulted in shutdown of the wellfield and consequently a loss of over 6 million gallons per day of groundwater supply – an amount equal to approximately half of the City's daily water demand.

Since 1996, this Regional Board, working along with EPA, has diligently investigated and oversaw cleanup the regional and site-specific contamination. As of December of 2003, a total of 298 million gallon of groundwater in the Charnock Sub-Basin Investigation Area have been treated. A total of 1,828 pounds of MTBE have been removed from groundwater and 4,177 pounds of MTBE from soil. In addition, 13,136 pounds of gasoline have been removed from groundwater and 195,148 pounds from soil (see the table below).

PRP #	Site Name	Soil Remediation			Groundwater Remediation			
		TPHg lb	Benzene Lb	MTBE Lb	TPHg lb	Benzene Lb	MTBE lb	Water million gal
4	Arco Station #1246	58,571	1,071	23				
6	Former Conoco station	3,977	37	0				
7	Former Unocal Station #3016	24,019	60	84	0.8	0.004	1	0.765
8	Mobil Station # 18-FX5	14,886	85	305	1,078	3.15	1.15	41
10	Chevron Station #9-0561	5,102	11	34			0.124	0.161
11	Shell Station # 204-1944-0100	4,731	31	107	12,057	597.7	1,826	256.5
12	Winall #18	14,665	99	1,937				
15	former Powergas station	16,910	61	933				
23	former Thrifty #247	52,287	631	754				
	Total	195,148	2,086	4,177	13,135.8	601	1,828	298.4

To date, the site-specific cleanup is still ongoing. The construction of the treatment plant combining with source site cleanup will ensure the full restoration of groundwater production from the Charnock Sub-Basin.

For more information on the Charnock Sub-Basin cleanup, visit http://www.swrcb.ca.gov/rwqcb4/html/programs/ust/charnock_mtbe.html. Or www.epa.gov/region09/charnock.

Completion of Corrective Action at Leaking Underground Fuel Storage Tank Sites
Yue Rong

Regional Board staff have reviewed corrective actions taken for soil and/or groundwater contamination problems from leaking underground storage tanks for the time of **February 13, 2004** through **March 10, 2004**, and determined that no further corrective actions are required for the following sites:

Former Dichter Lumber Sales, Wilmington (907440316)
Pacific Bell Facility, Los Angeles (900440025A)
Arco Service Station #0875, Pasadena (I-02551A)
Shell Service Station, Los Angeles (900250143A)
California Youth Authority, Whittier (I-10912A)